

**To:** Deschambault, Lynda[Deschambault.Lynda@epa.gov]; Nagle, Greg[Nagle.Greg@epa.gov]; Greg Reller[gr@burlesonconsulting.com]; Patty Cubanski[pc@burlesonconsulting.com]  
**Cc:** Jefferson, Jill[Jill.Jefferson@amecfw.com]; Jones, Britt[Britt.Jones@amecfw.com]; Brown, Anthony R (RM)[anthony.brown@bp.com]; Grant Ohland - (gohland@ohlandhydrogeo.com)[gohland@ohlandhydrogeo.com]  
**From:** Lombardi, Marc  
**Sent:** Tue 4/18/2017 11:37:10 PM  
**Subject:** RE: Leviathan Mine Site: Surface Water Sampling  
[160527 Tbl 3A RIFS RevQAPP.PDF](#)  
[170407 2017 SW Request Compiled.pdf](#)  
[170406 2017 Snowmelt Evap Compiled.pdf](#)

Lynda,

As indicated in my earlier email regarding PE samples, there seems to be some confusion here. Atlantic Richfield is not conducting any surface water or snowmelt sampling this week (week ending 4/21). The earliest that we would collect snowmelt samples would be the beginning of next week (4/24). Also, snowmelt samples are 24-hour time weighted collection samples and not grab samples, so there is no way for U.S. to collect field duplicates unless it intends to set up its own auto-sampling equipment. If requested, we can program the auto samplers to collect double the volume and provide a split sample to U.S. EPA, but we would need to know in advance. We currently plan on scouting access to the surface water sampling locations next Monday (4/24). Pending access conditions we may begin surface water sample collection as early as next Tuesday, we will just have to wait and assess site access conditions.

The attached letters are those previously submitted to U.S. EPA regarding the proposed 2017 Snowmelt and Surface Water Monitoring programs which contain the list of analytes. Also attached is Table 3A from the RI/FS QAPP showing target detection limits.

Yes - Lynda Lombardi has been coordinating PE samples with Joe Eidelberg, Rich Freitas and Keith Strout. We are unsure at this point which sampling events U.S. EPA is going to be submitting PE samples for; however, the early season sampling events may not be the best for coordination of PE samples due to the uncertain timing of when the event will actually occur due to potential delays caused by inclement weather and uncertain site access conditions.

Please note: as of the writing of this email we have not yet received U.S. EPA approval to implement either of these programs.

Should you have any questions or comments please contact Tony Brown at (657) 529-4537 or [anthony.brown@bp.com](mailto:anthony.brown@bp.com).

Thanks,

Marc

**Marc R. Lombardi, CEM, PG**

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**From:** Deschambault, Lynda [mailto:Deschambault.Lynda@epa.gov]  
**Sent:** Tuesday, April 18, 2017 10:26 AM  
**To:** Nagle, Greg <Nagle.Greg@epa.gov>; Greg Reller <gr@burlesonconsulting.com>; Patty Cubanski <pc@burlesonconsulting.com>  
**Cc:** Lombardi, Marc <Marc.Lombardi@amecfw.com>; Jefferson, Jill <Jill.Jefferson@amecfw.com>; Jones, Britt <Britt.Jones@amecfw.com>; Brown, Anthony R (RM) <anthony.brown@bp.com>  
**Subject:** RE: Leviathan Mine Site: Surface Water Sampling

Greg Nagle,

it turns out that ARC plans to be at the site and is also taking snowmelt and surface water

samples later this week.

I've copied ARC contractors: Jill/Marc/Britt here, and ask you to coordinate with them.

Some EPA oversight of their work and taking duplicates would be great,

Jill/Marc could you please provide your SAP with the list of analytes and Detection limits.

Greg Nagle and Region 9 lab will want to do those at a minimum.

Please confirm if you are doing both total and dissolved metals and lab method. Thanks!

Lynda

Also, has Linda Lombardi coordinated on receipt of PE samples? Will those be part of this sampling event?

Greg Nagle....Greg Reller also has some suggestions for grab sample locations that we'd like you to sample, please coordinate directly with Greg reller at 916-984-4651 x 111

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